



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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June 15, 1993

Mr. Russell Dobson
Cricket Mountain Plant Manager
Continental Lime, Inc.
P.O. Box 966
Delta, Utah 84624

Dear Mr. Dobson:

Re: Supplemental Information to Tentative Approval, Permit Revision,
Continental Lime Inc., Cricket Mountain Quarry, M/027/006, Millard County,
Utah

The Division has completed its review of Continental Lime Inc.'s February 17, 1993 Supplemental Information letter. The required supplemental information was conditioned in our August 20, 1992 Tentative Approval letter. The Division is satisfied with Continental Lime's latest response and is prepared to proceed towards final approval of the revised plan.

On June 9, 1993, your consultant Mr. David Krohn, informed us that an archaeological survey was currently being conducted on the State Leased land involving the new "West" waste dump. He anticipated a final archaeological report would be available within a week or two. This is an outstanding requirement of the Division of State Lands and Forestry.

Mr. Krohn asked for some direction on how to resolve the supplemental wildlife watering concerns. Continental Lime has indicated the company is willing to spend \$3000 to set up supplemental wildlife watering devices in the vicinity of the mine. The Division of Wildlife Resources (DWR) has requested that at least two guzzlers be installed, one to the north and another to the south of the mine site area. We support the DWR's recommendation and ask that the operator contact DWR directly to discuss the type, size and specific locations for the guzzlers. Please notify us when arrangements are made with DWR to construct/install the watering devices onsite. We would like to have the opportunity to witness the installation process firsthand. We request that this issue be resolved within 60 days of our final approval of this permit revision.



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Continental Lime, Inc.
M/027/006
June 15, 1993

On April 6, 1993, we received a letter from Mr. Dave Henderson, BLM, Warm Springs Resource Area Manager, confirming that they would not require Continental Lime to reclaim the main access/haul road connecting the plant and the quarry upon final reclamation. All other requirements for approval have been met except for the Division's receipt and acceptance of the reclamation surety.

Final Division approval will occur following the Board of Oil, Gas and Mining's approval of the form and amount of revised reclamation surety for the mine site. The Division has recalculated the reclamation surety estimate to reflect 1993 dollars. Applying the standard 5-year escalation factor yields a total amount of \$293,100 in 1998 dollars (see attached surety estimate). The BLM and the Division of State Lands and Forestry will also need to concur with the final surety amount.

Continental Lime will need to provide a revised surety and a new Reclamation Contract, FORM MR-RC (form and guidelines enclosed). We have enclosed a new *joint agency* Surety Bond (Exhibit B, Form MR-6), assuming you will want to continue to use this type of surety to update the reclamation surety amount. You may also choose to amend your existing surety bond, or propose another form of surety. Please let us know if you will need an alternate form of surety.

If possible, we would like to present the amount and form of revised reclamation surety to the Board during the July 28, 1993 hearing. To make the July hearing docket, we will need to receive all of the required paperwork from you no later than July 12, 1993. Thank you for your cooperation and patience in finalizing this permitting action. Please contact me, Holland Shepherd or Tony Gallegos if you have questions regarding the remaining requirements as outlined in this letter.

Sincerely,



D. Wayne Hedberg
Permit Supervisor
Minerals Regulatory Program

jb
Enclosures
cc: David Krohn
Rody Cox, BLM
Jerry Mansfield, State Lands
Lowell Braxton, DOGM

RECLAMATION ESTIMATE

Continental Lime, Inc.

last revision 06/14/93

Cricket Mountain Quarry

filename M27-06.WQ1

M/027/006

Millard County

Prepared by Utah State Division of Oil, Gas & Mining

Reclamation Details

- This estimate is based on Continental Lime, Inc.'s 2/15/93 response letter
- All quantities & unit costs from Continental Lime's 2/15/93 estimate were used
- The 1992 factor of 1.27% was used in the previous estimate
- The escalation factor for projecting forward is currently 1.42% [not 1.27%]
- The projecting factor is an average of the previous 3 yrs escalation
- NOTE-This subtotal differs from the subtotal in Continental's estimate
- It appears that the Continental subtotal of \$245,335 was incorrect
- Estimated total disturbed acreage = 142.9 acres

Activity	Area	\$
Mobilization/demobilization		6,000
Crusher site reclamation	17 acre	28,620
Rejects stockpile reclamation	27.3 acre	30,290
West waste dump reclamation	20.7 acre	53,120
North waste dump reclamation	1.3 acre	2,230
Cricket Mountain Quarry reclamation	70 acre	106,705
Unstable highwall area reclamation	2 acre	14,640
Explosive magazines & road reclamation	0.7 acre	640
Topsoil stockpiles & misc. roads reclamation	3.9 acre	6,090

Subtotal 248,335

Add 10% contingency 24,834

1993-\$ Subtotal 273,169

Add 5 yr escalation at 1.42% 19,954

Total 1998-\$ 293,122

Rounded Total in 1998-\$ \$293,100

Average cost per acre = \$2,051